

FILE ID**CHMSAVLIN

L 8

CCCCCCCC CCCCCCCC HH HH MM MM MM MM SSSSSSSS SSSSSSSS AAAA AAAA VV VV VV VV LL LL IIIIIII NN NN
CCCCCCCC CCCCCCCC HH HH MM MM MM MM SSSSSSSS SSSSSSSS AAAA AAAA VV VV VV VV LL LL IIIIIII NN NN
CC CC HH HH MMMM MMMM SS SS AA AA VV VV VV VV LL LL II NN NN
CC CC HH HH MMMM MMMM SS SS AA AA VV VV VV VV LL LL II NN NN
CC CC HH HH MM MM MM SS SS AA AA VV VV VV VV LL LL II NNNN NN
CC CC HH HH MM MM MM SS SS AA AA VV VV VV VV LL LL II NNNN NN
CC CC HH HH HHHHHHHHHH MM MM SSSSSS AA AA VV VV VV VV LL LL II NN NN NN
CC CC HH HH HHHHHHHHHH MM MM SSSSSS AA AA VV VV VV VV LL LL II NN NN NN
CC CC HH HH MM MM SS SS AAAA AAAA VV VV VV VV LL LL II NN NNNN
CC CC HH HH MM MM SS SS AAAA AAAA VV VV VV VV LL LL II NN NNNN
CC CC HH HH MM MM SS SS AA AA VV VV VV VV LL LL II NN NN
CC CC HH HH MM MM SS SS AA AA VV VV VV VV LL LL II NN NN
CCCCCCCC CCCCCCCC HH HH MM MM SSSSSSSS AA AA VV VV VV VV LLLLLLLL IIIIIII NN NN
CCCCCCCC CCCCCCCC HH HH MM MM SSSSSSSS AA AA VV VV VV VV LLLLLLLL IIIIIII NN NN

```
1 0001 0 XTITLE 'EDTSCHMSAVLIN - save a line'  
2 0002 0 MODULE EDTSCHMSAVLIN ( ! Save a line  
3 0003 0 IDENT = 'V04-000'  
4 0004 0 ) = ! File: CHMSAVLIN.BLI Edit: JBS1003  
5 0005 1 BEGIN  
6 0006 1 !  
7 0007 1 *****  
8 0008 1 *  
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27 0027 1 *  
28 0028 1 *****  
29 0029 1 !  
30 0030 1  
31 0031 1 **  
32 0032 1 FACILITY: EDT -- The DEC Standard Editor  
33 0033 1  
34 0034 1 ABSTRACT:  
35 0035 1  
36 0036 1 This module saves a line in the auxiliary buffer.  
37 0037 1  
38 0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant  
39 0039 1  
40 0040 1 AUTHOR: Bob Kushlis, CREATION DATE: Unknown  
41 0041 1  
42 0042 1 MODIFIED BY:  
43 0043 1  
44 0044 1 1-001 - Original. DJS 04-Feb-1981. This module was created by  
45 0045 1 extracting the routine EDT$SSAV_LN from module CHANGE.BLI.  
46 0046 1 1-002 - Regularize headers. JBS 03-Mar-1981  
47 0047 1 1-003 - Improve the appearance of the listing. JBS 13-Jun-1983  
48 0048 1 --  
49 0049 1
```

```
51      0050 1 %SBTIL 'Declarations'  
52      0051 1 :  
53      0052 1 : TABLE OF CONTENTS:  
54      0053 1 :  
55      0054 1 :  
56      0055 1 REQUIRE 'EDTSRC:TRAROUNAM';  
57      0494 1 :  
58      0495 1 FORWARD ROUTINE  
59      0496 1     EDT$SAV_LN : NOVALUE;           ! Save a line in the auxiliary buffer  
60      0497 1 :  
61      0498 1 :  
62      0499 1 : INCLUDE FILES:  
63      0500 1 :  
64      0501 1 :  
65      0502 1 REQUIRE 'EDTSRC:EDTREQ';  
66      0637 1 :  
67      0638 1 :  
68      0639 1 : MACROS:  
69      0640 1 :  
70      0641 1 :     NONE  
71      0642 1 :  
72      0643 1 : EQUATED SYMBOLS:  
73      0644 1 :  
74      0645 1 :     NONE  
75      0646 1 :  
76      0647 1 : OWN STORAGE:  
77      0648 1 :  
78      0649 1 :     NONE  
79      0650 1 :  
80      0651 1 : EXTERNAL REFERENCES:  
81      0652 1 :  
82      0653 1 :     In the routine
```

```
84      0654 1 %SBTTL 'EDTSSSAV_LN - save a line'
85      0655 1
86      0656 1 GLOBAL ROUTINE EDTSSSAV_LN (
87          1     LINE,                                ! Save a line
88          1     LEN                                 ! Address of the line to save
89          1     ) : NOVALUE =
90
91      0661 1 //!
92      0662 1 FUNCTIONAL DESCRIPTION:
93
94      0664 1 This routine saves a line to the auxiliary buffer if there is one.
95      0665 1 The routine is called by the deletes, and the aux buffer will be set
96      0666 1 if it is really a cut command rather than a delete.
97
98      0667 1
99      0668 1 FORMAL PARAMETERS:
100     0669 1
101     0670 1     LINE          Address of the line to save
102     0671 1     LEN           Length of the line to save
103     0672 1
104     0673 1
105     0674 1 IMPLICIT INPUTS:
106     0675 1
107     0676 1     EDTSSA_ALT_BUF
108     0677 1
109     0678 1 IMPLICIT OUTPUTS:
110     0679 1
111     0680 1     NONE
112     0681 1
113     0682 1 ROUTINE VALUE:
114     0683 1
115     0684 1     NONE
116     0685 1
117     0686 1 SIDE EFFECTS:
118     0687 1
119     0688 1     NONE
120     0689 1
121     0690 1 --
122     0691 1
123     0692 2 BEGIN
124     0693 2
125     0694 2 EXTERNAL ROUTINE
126          2     EDTSSINS_LN,                      ! Insert a line into buffer
127          2     EDTSSRD_CURLN;                  ! Get the current line
128     0695 2
129     0696 2
130     0697 2
131     0698 2 EXTERNAL
132          2     EDTSSA_ALT_BUF : REF TBCB_BLOCK, ! Alternate buffer used for cut/paste.
133          2     EDTSSA_CUR_BUF : REF TBCB_BLOCK; ! The current buffer tccb
134
135     0701 2 LOCAL
136     0702 2     SAVE_TBCB;
137
138     0703 2
139     0704 2
140     0705 2 //!
141     0706 2     See if there is an aux buffer.
142
143     0707 2 --
144     0708 2
145     0709 2     IF (.EDTSSA_ALT_BUF EQL 0) THEN RETURN;
146
147     0710 2
```

```

141 0711 2 !+
142 0712 2 !- Switch to the aux buffer.
143 0713 2 !-
144 0714 2 SAVE_TBCB = .EDTSSA_CUR_BUF;
145 0715 2 EDTSSA_CUR_BUF = .EDTSSA_ALT_BUF;
146 0716 2 !+
147 0717 2 !- Read the current line.
148 0718 2 !-
149 0719 2 EDT$SRD_CURLN ();
150 0720 2 !+
151 0721 2 !- Insert the line to be saved.
152 0722 2 !-
153 0723 2 EDT$SINS_LN (.LINE, .LEN);
154 0724 2 !+
155 0725 2 !- And switch back to the main buffer.
156 0726 2 !-
157 0727 2 EDTSSA_CUR_BUF = .SAVE_TBCB;
158 0728 2 EDT$SRD_CURLN ();
159 0729 1 END;

```

! of routine EDT\$SSAV_LN

```
.TITLE EDT$CHMSAVLIN EDT$CHMSAVLIN - save a line
.IDENT \V04-000\
```

```
.EXTRN EDT$SINS_LN, EDT$SRD_CURLN
```

```
.EXTRN EDTSSA_ALT_BUF, EDTSSA_CUR_BUF
```

```
.PSECT _EDT$CODE,NOWRT, SHR, PIC.2
```

54 00000000G	00	001C 00000	.ENTRY EDT\$SSAV_LN, Save R2,R3,R4	0656
53 00000000G	00	9E 00002	MOVAB EDT\$SRD_CURLN, R4	
50 00000000G	00	9E 00009	MOVAB EDTSSA_CUR_BUF, R3	
		1A 13 00010	MOVL EDTSSA_ALT_BUF, R0	0709
			BEQL 1\$	
52	63	D0 00019	MOVL EDTSSA_CUR_BUF, SAVE_TBCB	0714
63	50	D0 0001C	MOVL R0, EDTSSA_CUR_BUF	0715
64	00	FB 0001F	CALLS #0, EDT\$SRD_CURLN	0719
7E	04	AC 7D 00022	MOVQ LINE, -(SP)	0723
00000000G	00	02 FB 00026	CALLS #2, EDT\$SINS_LN	
63	52	D0 0002D	MOVL SAVE_TBCB, EDTSSA_CUR_BUF	0727
64	00	FB 00030	CALLS #0, EDT\$SRD_CURLN	0728
		04 00033 1\$:	RET	0729

: Routine Size: 52 bytes, Routine Base: _EDT\$CODE + 0000

: 160 0730 1
: 161 0731 1 !<BLF/PAGE>

EDTSCHMSAVLIN
VO4-000 EDTSCHMSAVLIN - save a line
 EDT\$SSAV_LN - save a line
:
: 163 0732 1 END
: 164 0733 1
: 165 0734 0 ELUDOM

D 9
16-Sep-1984 00:09:28 VAX-11 Bliss-32 V4.0-742
14-Sep-1984 12:22:43 [EDT.SRC]CHMSAVLIN.BLI;1
:
: ! of module EDTSCHMSAVLIN

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EDT
VO4

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	52	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	-----	Symbols	-----	Pages	Processing
	Total	Loaded	Percent	Mapped	Time
\$_\$255\$DUA28:[EDT.SRC]EDT.'32:1	377	24	6	40	00:00.2
\$_\$255\$DUA28:[EDT.SRC]PSECT\$132:1	2	1	50	7	00:00.1

COMMAND QUALIFIERS

BLISS/[CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:CHMSAVLIN/OBJ=OBJ\$:CHMSAVLIN MSRC\$:CHMSAVLIN.BLI/UPDATE=(ENH\$:
CHMSAVLIN)

: Size: 52 code + 0 data bytes
: Run Time: 00:09.7
: Elapsed Time: 00:12.3
: Lines/CPU Min: 4535
: Lexemes/CPU-Min: 12092
: Memory Used: 61 pages
: Compilation Complete

S
R
E
L
L
M
C

0132 AH-BT13A-SE
VAX/VMS V4.0

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